FIG. 1

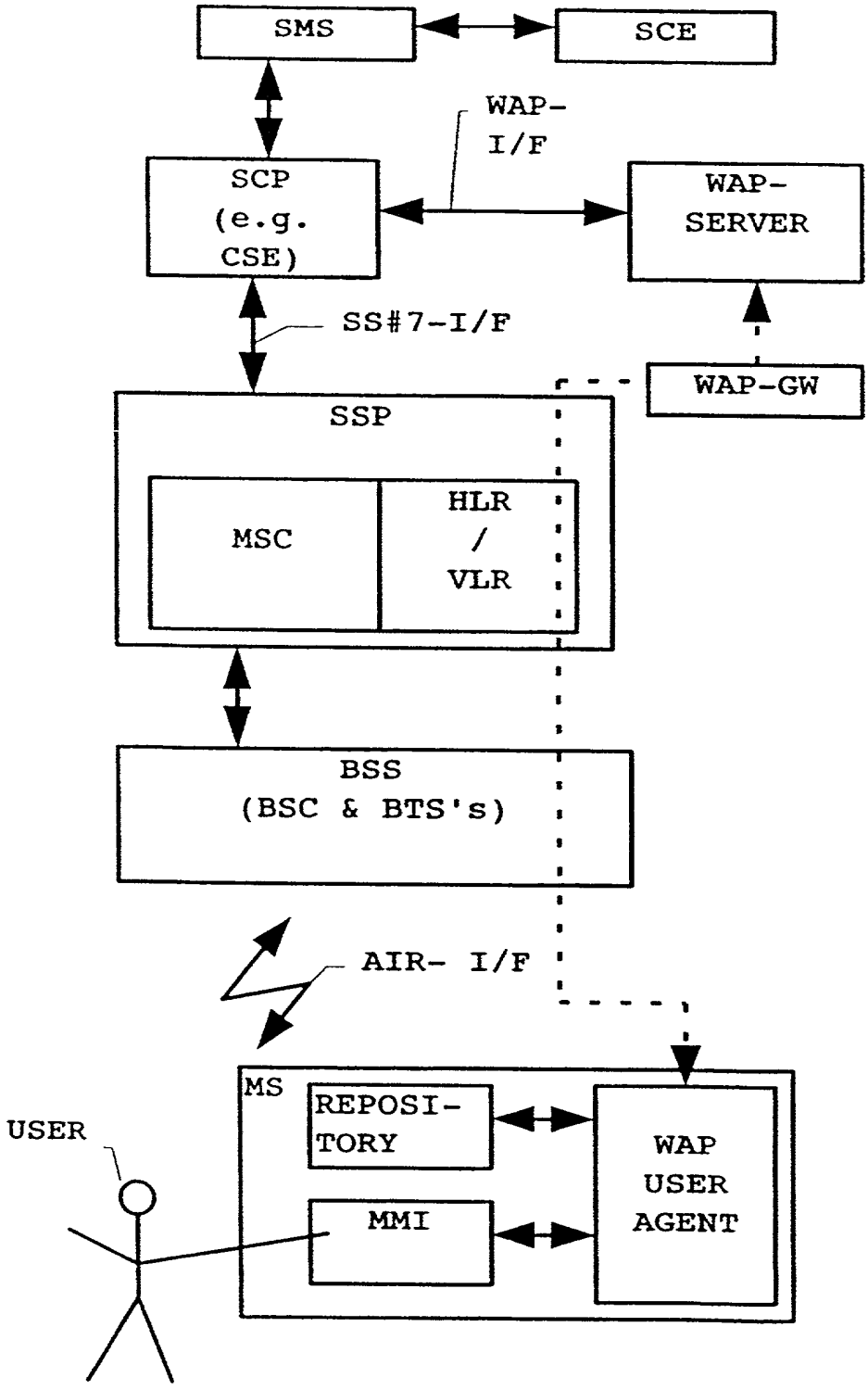
SMS
SCE
WAP-
I/F
SCP
(e.g.
CSE)
WAP-
SERVER
SS#7-I/F
WAP-GW
SSP
MSC
HLR
/
VLR
BSS
(BSC & BTS's)
AIR- I/F
MS
REPOSI-
TORY
WAP
USER
AGENT
MMI
USER

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FIG. 2

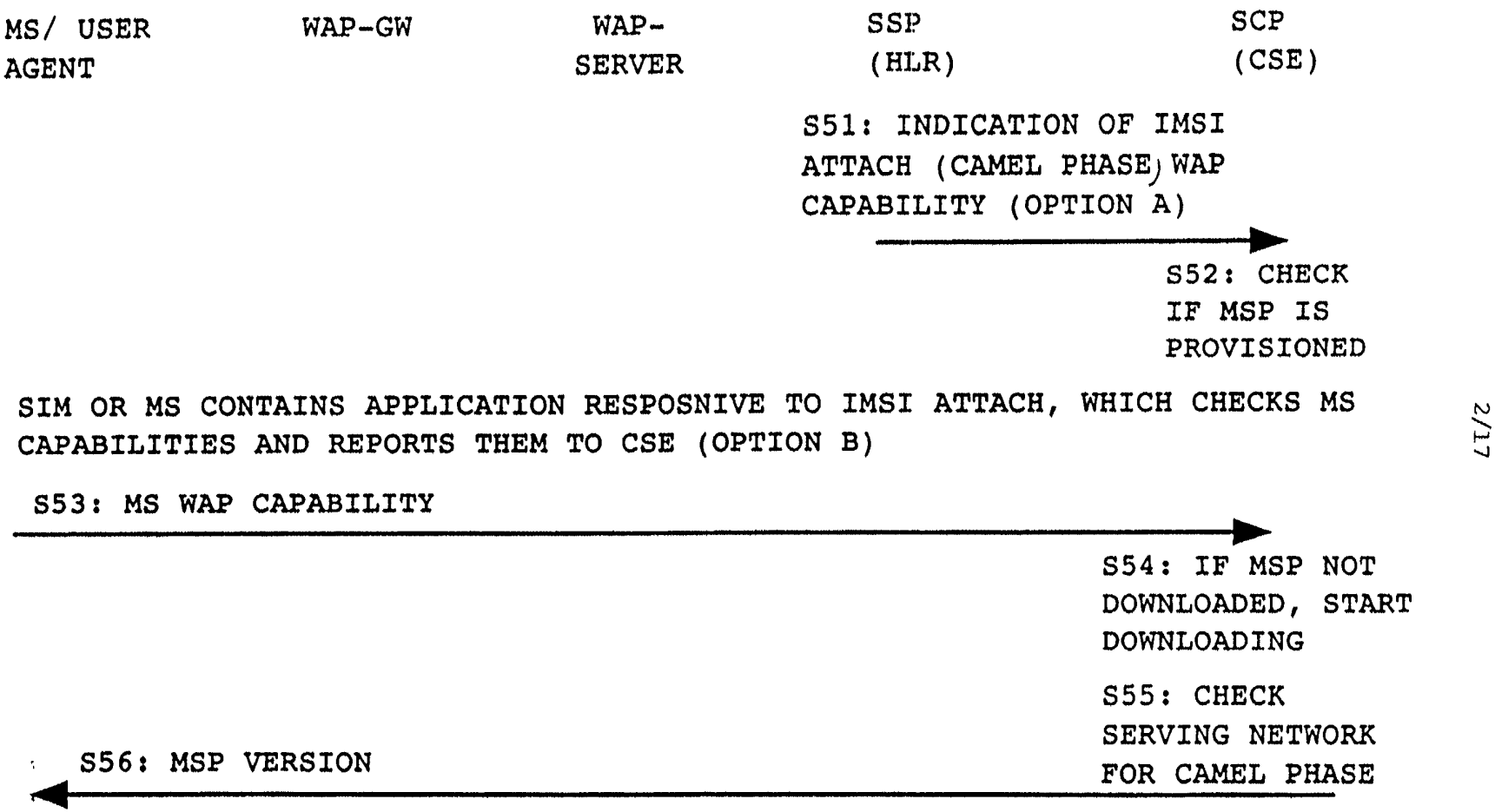

FIG. 3

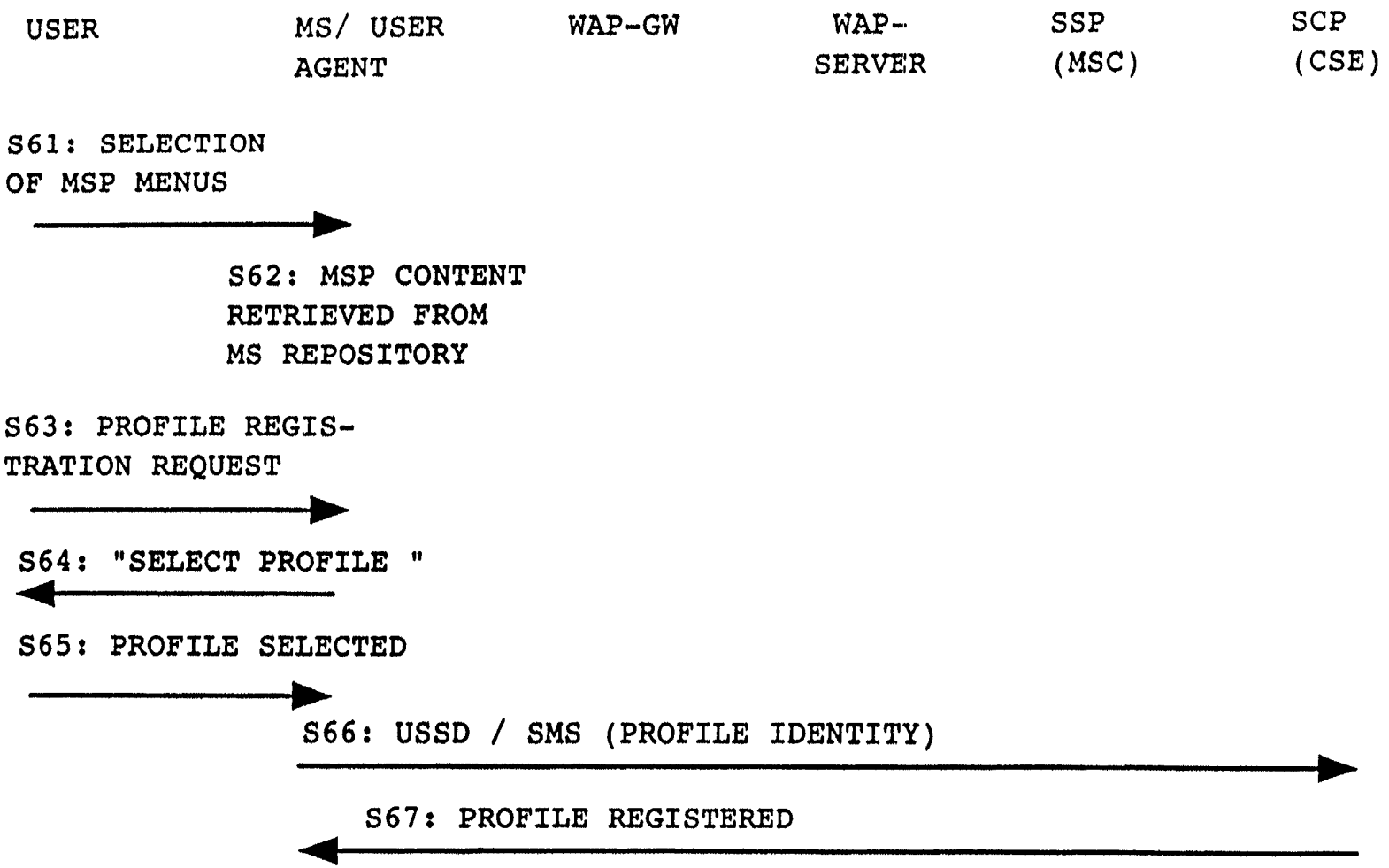
USER
MS/ USER AGENT
WAP-GW
WAP-SERVER
SSP (MSC)
SCP (CSE)
S61: SELECTION OF MSP MENUS
S62: MSP CONTENT RETRIEVED FROM MS REPOSITORY
S63: PROFILE REGISTRATION REQUEST
S64: "SELECT PROFILE "
S65: PROFILE SELECTED
S66: USSD / SMS (PROFILE IDENTITY)
S67: PROFILE REGISTERED

FIG. 4

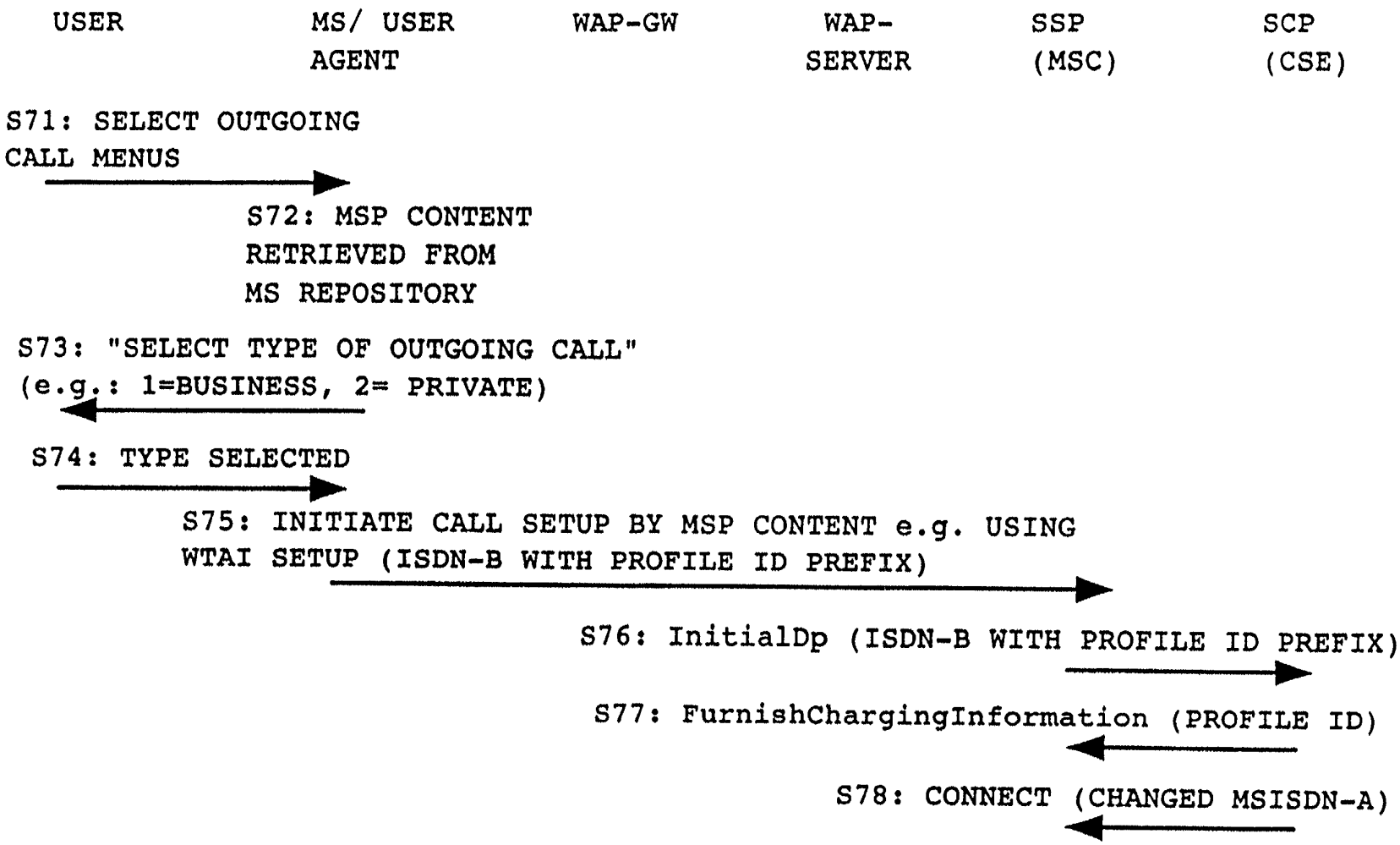
USER
MS/ USER AGENT
WAP-GW
WAP-SERVER
SSP (MSC)
SCP (CSE)
S71: SELECT OUTGOING CALL MENUS
S72: MSP CONTENT RETRIEVED FROM MS REPOSITORY
S73: "SELECT TYPE OF OUTGOING CALL" (e.g.: 1=BUSINESS, 2= PRIVATE)
S74: TYPE SELECTED
S75: INITIATE CALL SETUP BY MSP CONTENT e.g. USING WTAI SETUP (ISDN-B WITH PROFILE ID PREFIX)
S76: InitialDp (ISDN-B WITH PROFILE ID PREFIX)
S77: FurnishChargingInformation (PROFILE ID)
S78: CONNECT (CHANGED MSISDN-A)

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FIG. 5

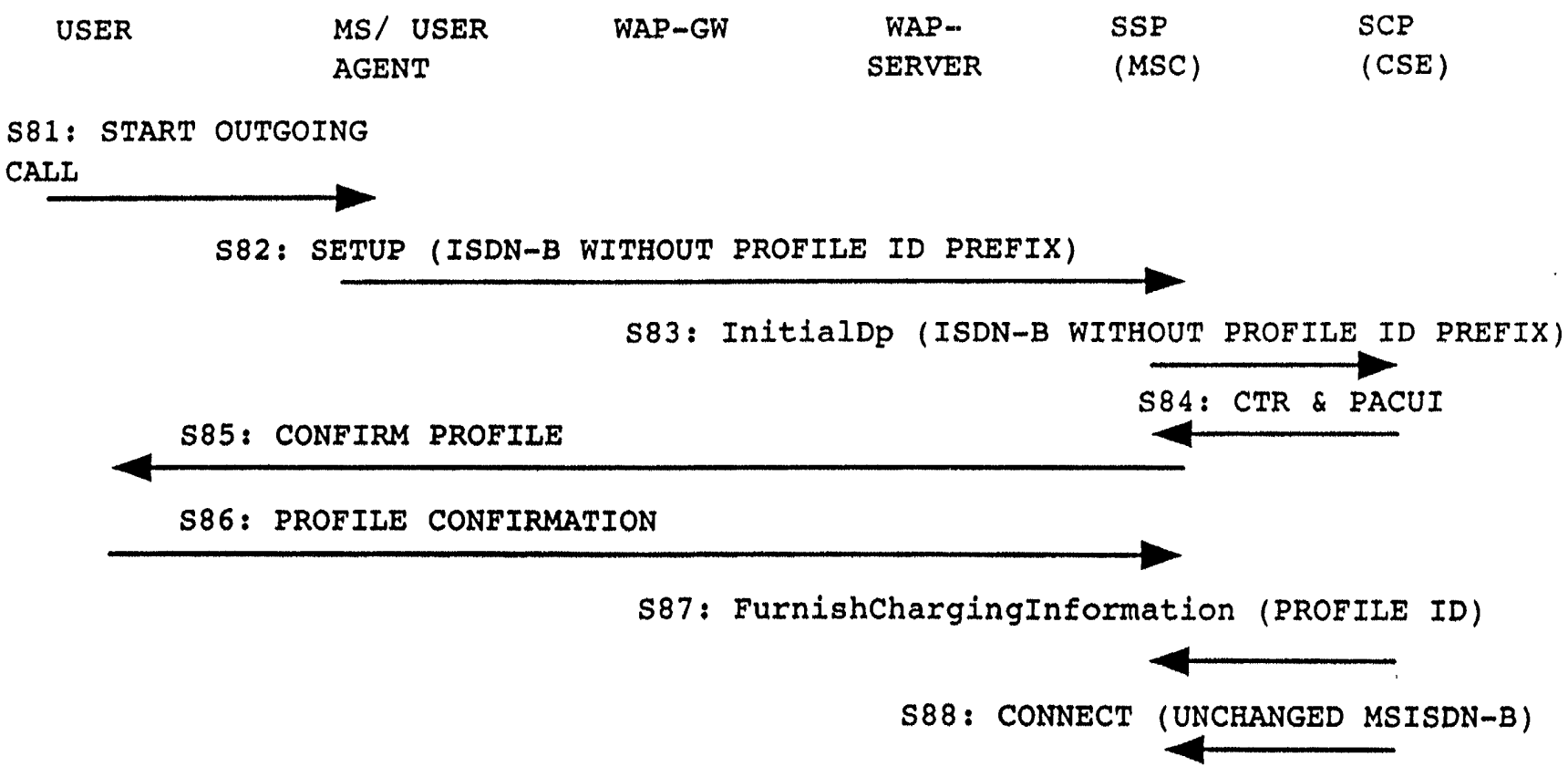

FIG. 6

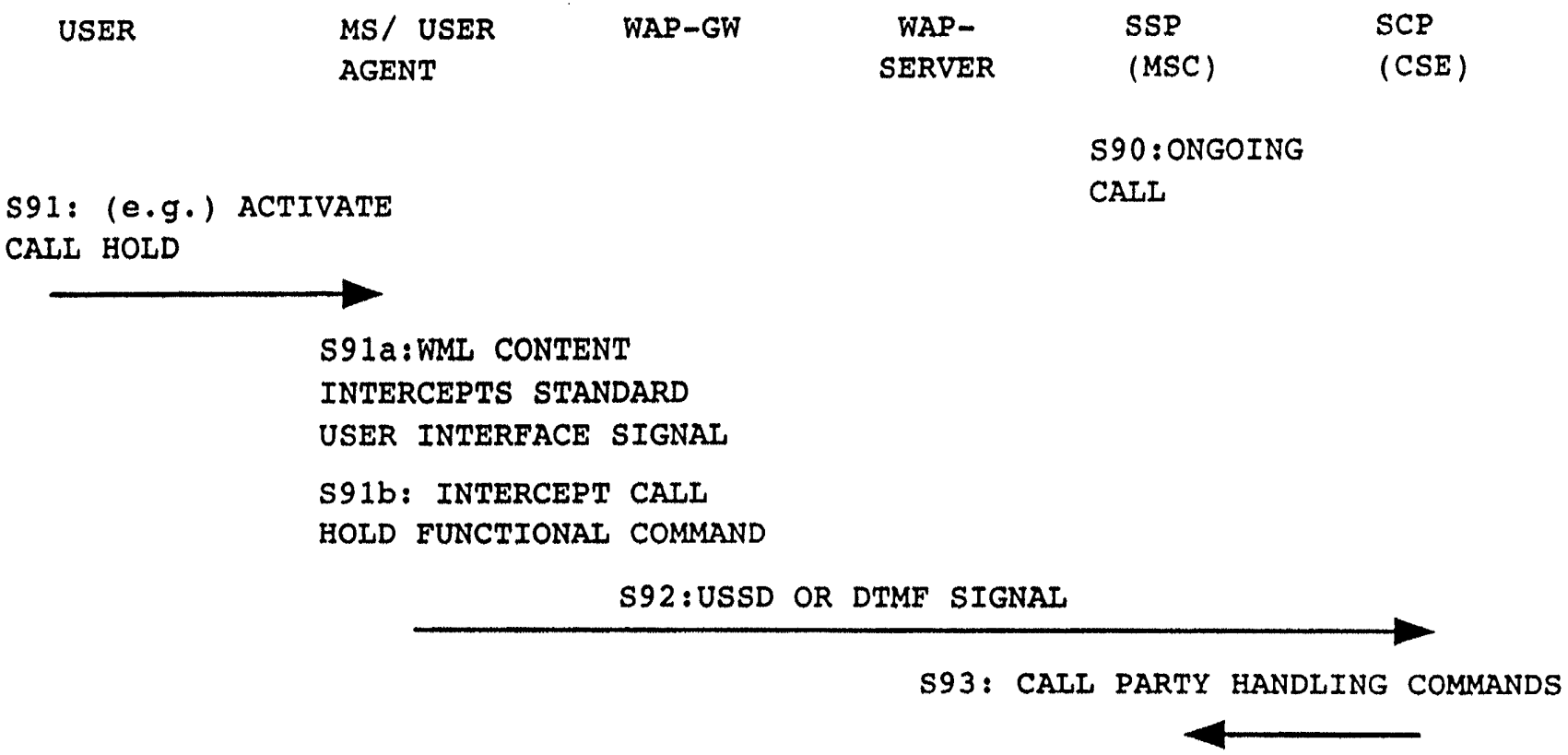
USER
MS/ USER AGENT
WAP-GW
WAP-SERVER
SSP (MSC)
SCP (CSE)
S90:ONGOING CALL
S91: (e.g.) ACTIVATE CALL HOLD
S91a:WML CONTENT INTERCEPTS STANDARD USER INTERFACE SIGNAL
S91b: INTERCEPT CALL HOLD FUNCTIONAL COMMAND
S92:USSD OR DTMF SIGNAL
S93: CALL PARTY HANDLING COMMANDS

FIG. 7

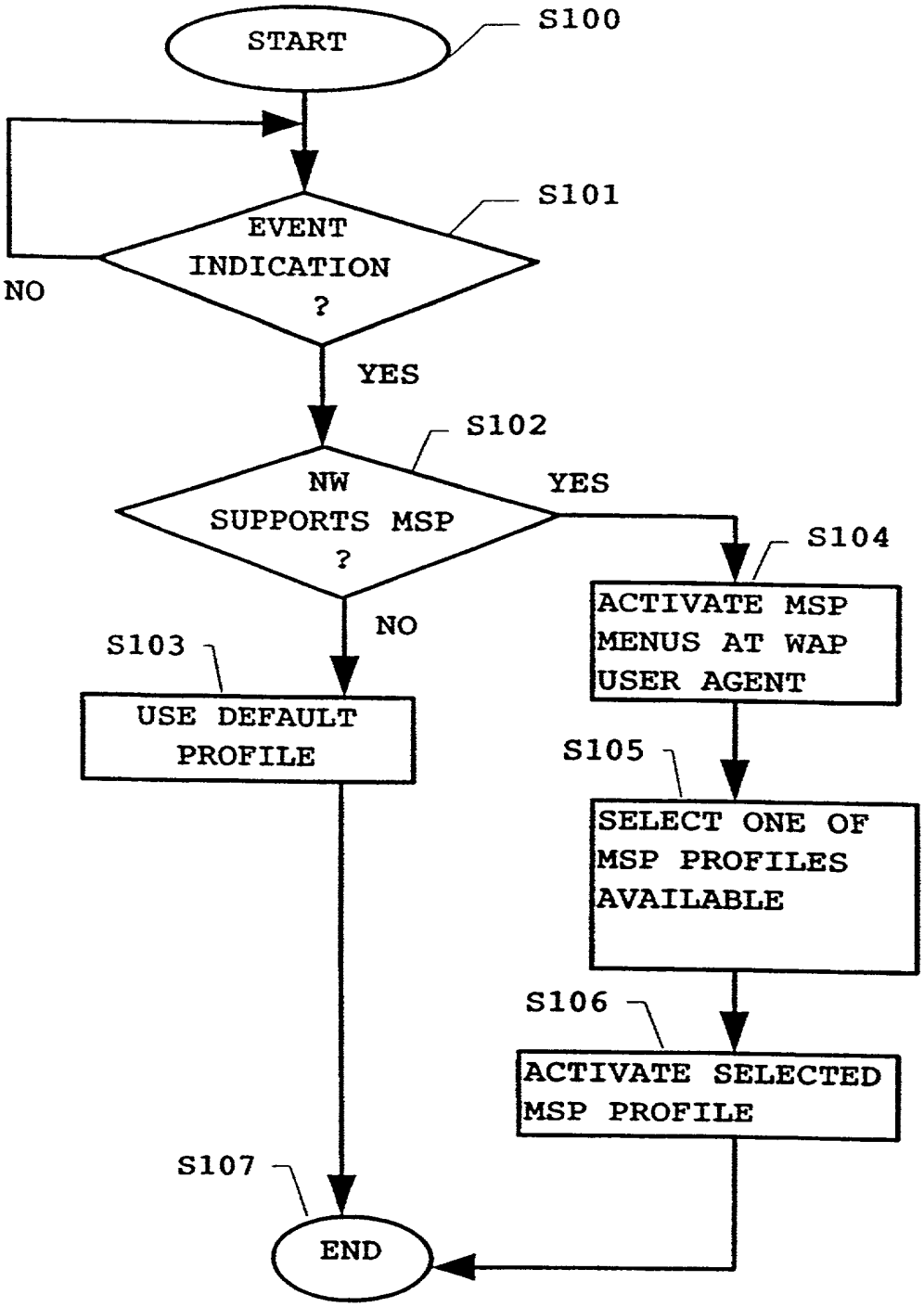
START
S100
S101
EVENT INDICATION ?
NO
YES
S102
NW SUPPORTS MSP ?
YES
NO
S103
USE DEFAULT PROFILE
S104
ACTIVATE MSP MENUS AT WAP USER AGENT
S105
SELECT ONE OF MSP PROFILES AVAILABLE
S106
ACTIVATE SELECTED MSP PROFILE
S107
END

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FIG. 8A

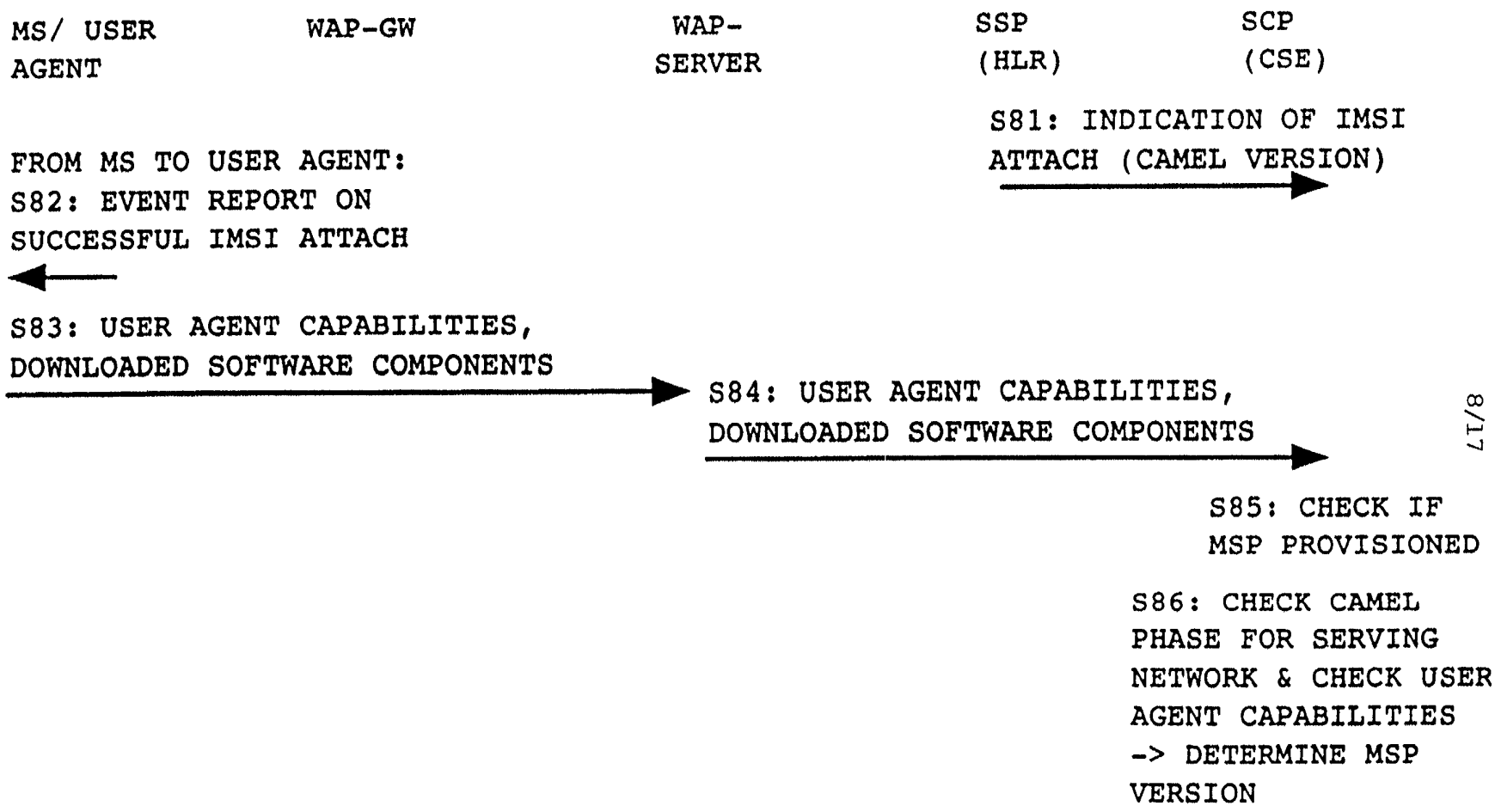

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FIG. 8B

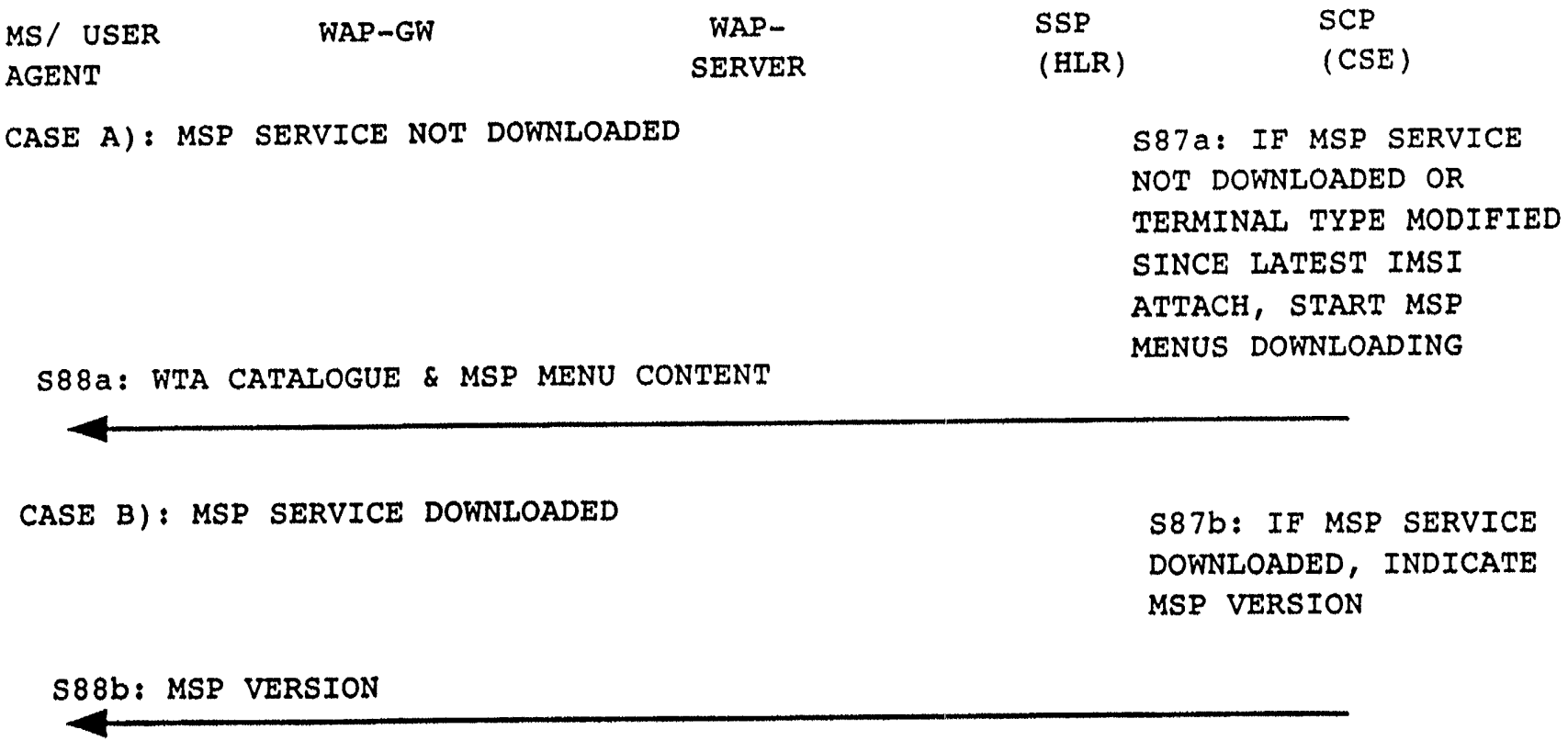

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FIG. 9A

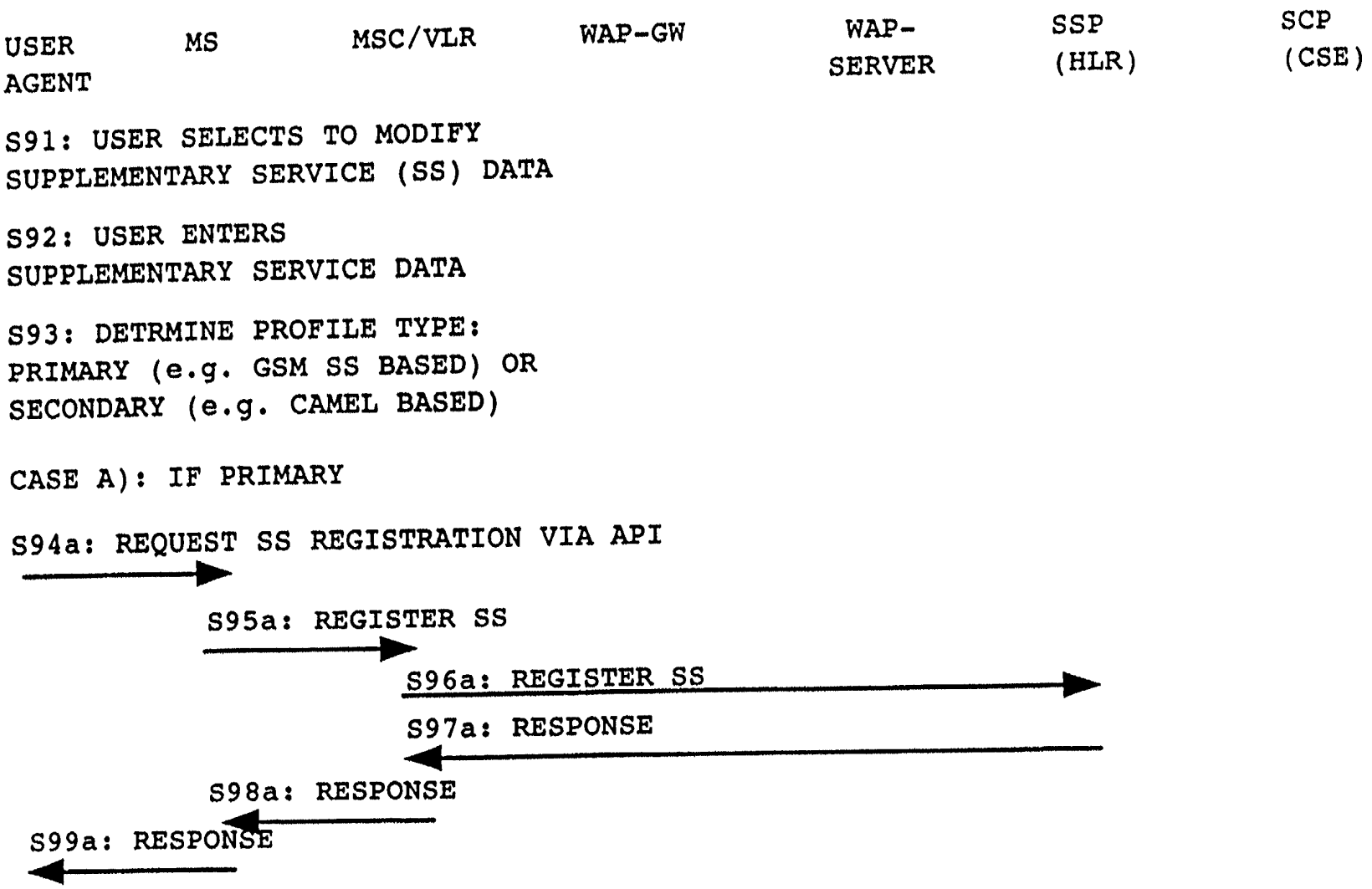

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FIG. 9B

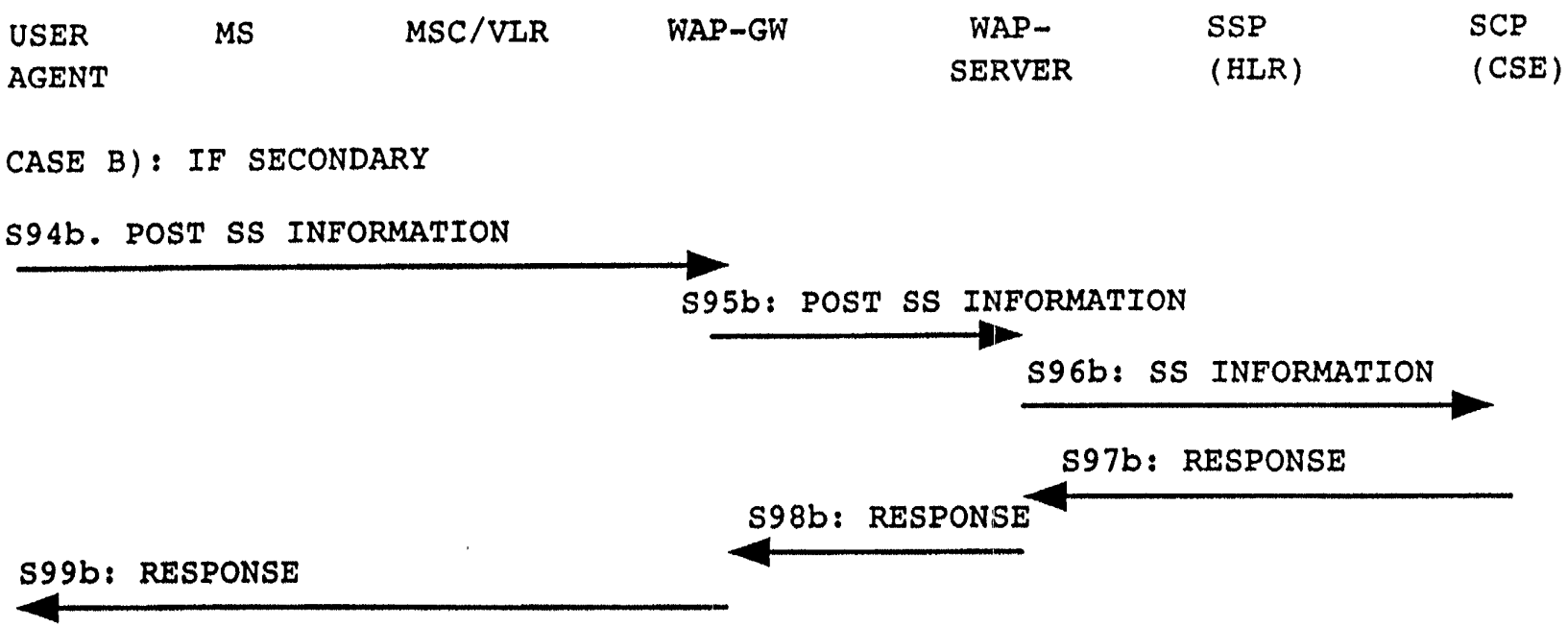

FIG. 10A

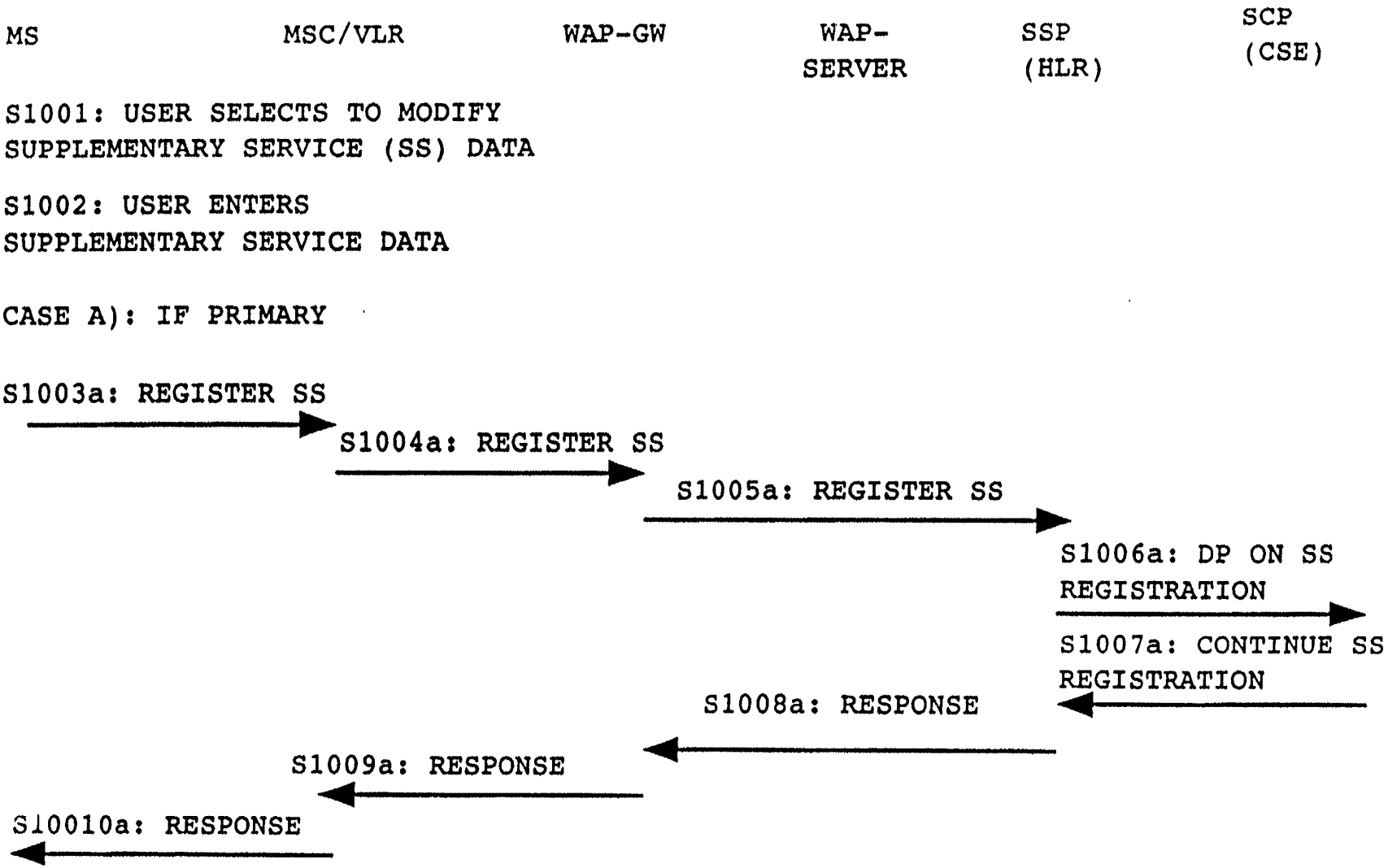
MS
MSC/VLR
WAP-GW
WAP-SERVER
SSP (HLR)
SCP (CSE)
S1001: USER SELECTS TO MODIFY SUPPLEMENTARY SERVICE (SS) DATA
S1002: USER ENTERS SUPPLEMENTARY SERVICE DATA
CASE A): IF PRIMARY
S1003a: REGISTER SS
S1004a: REGISTER SS
S1005a: REGISTER SS
S1006a: DP ON SS REGISTRATION
S1007a: CONTINUE SS REGISTRATION
S1008a: RESPONSE
S1009a: RESPONSE
S10010a: RESPONSE

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FIG. 10B

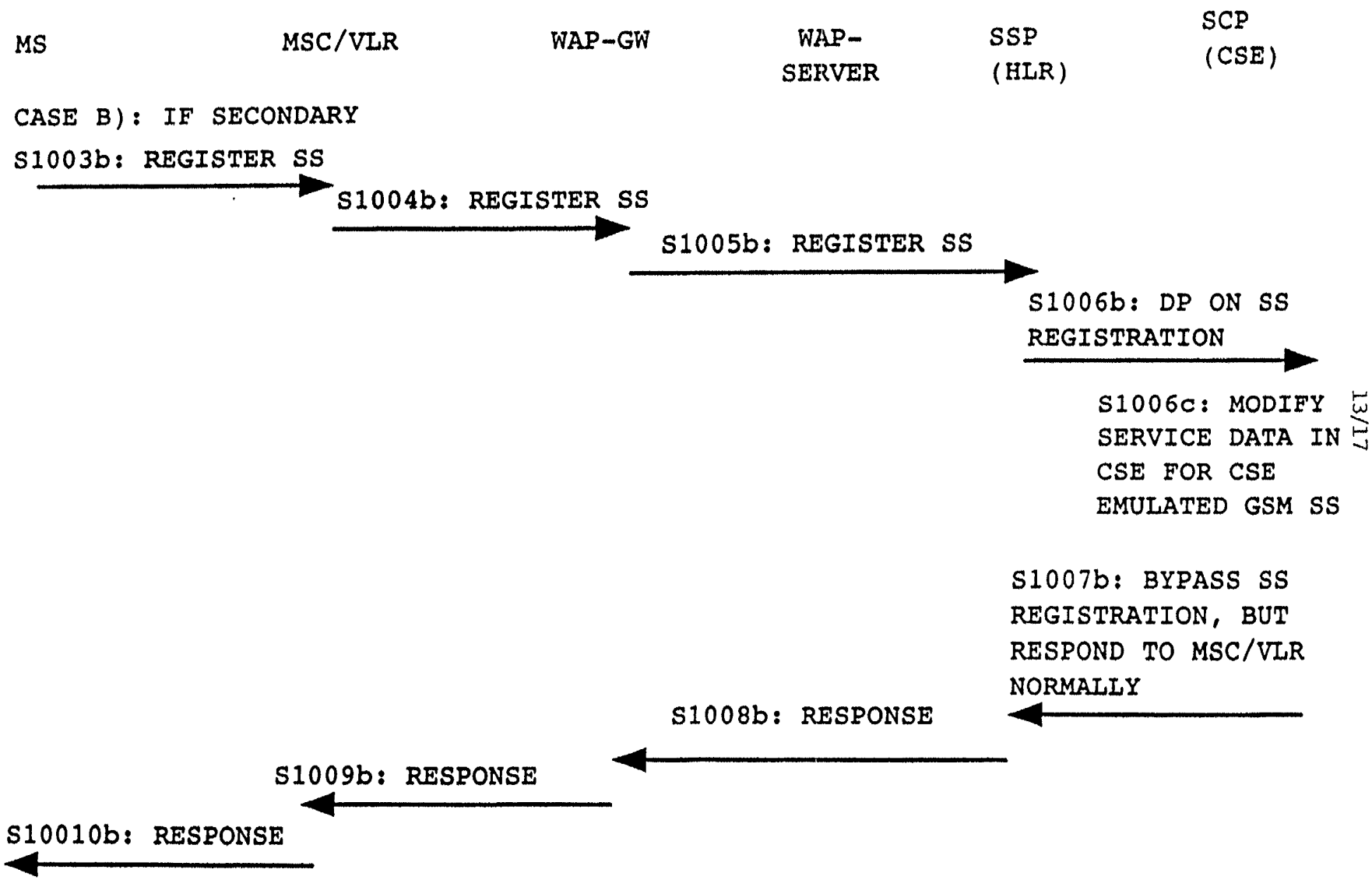

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FIG. 11A

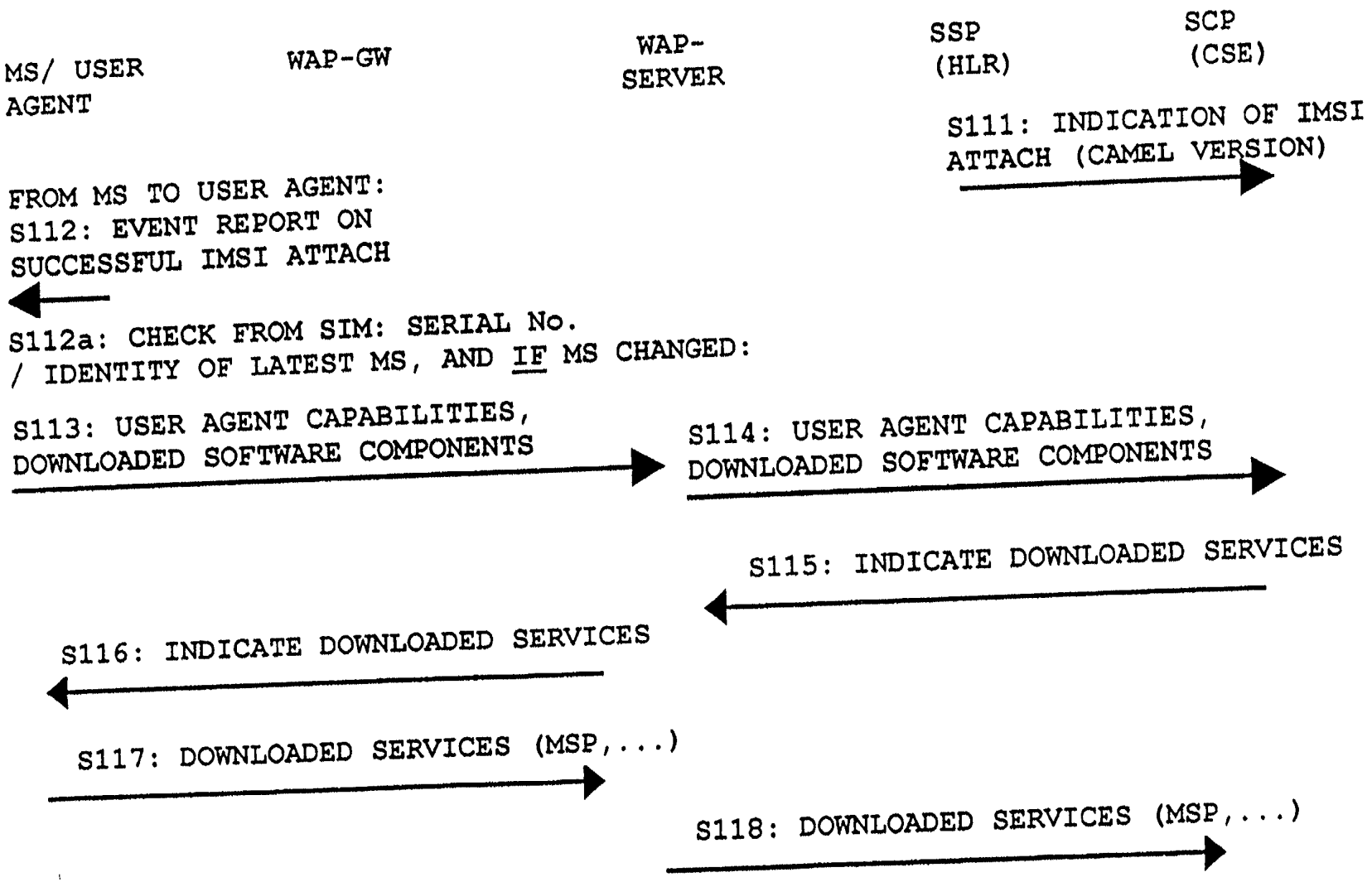

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FIG. 11B

MS/ USER AGENT	WAP-GW	WAP-SERVER	SSP (HLR)	SCP (CSE)
				S119: CHECK IF MSP PROVISIONED
				S1110: CHECK IF MSP DOWNLOADED; OPTIONALLY, WHICH PHASE
				S1111: CHECK USER AGENT CAPABILITIES & SELECT CONTENT VERSION TO BE DOWNLOADED

CASE A): STEPS S1112a, S1113a, AND CASE B): STEPS S1112b, S1113b: *AS IN FIG. 8B*

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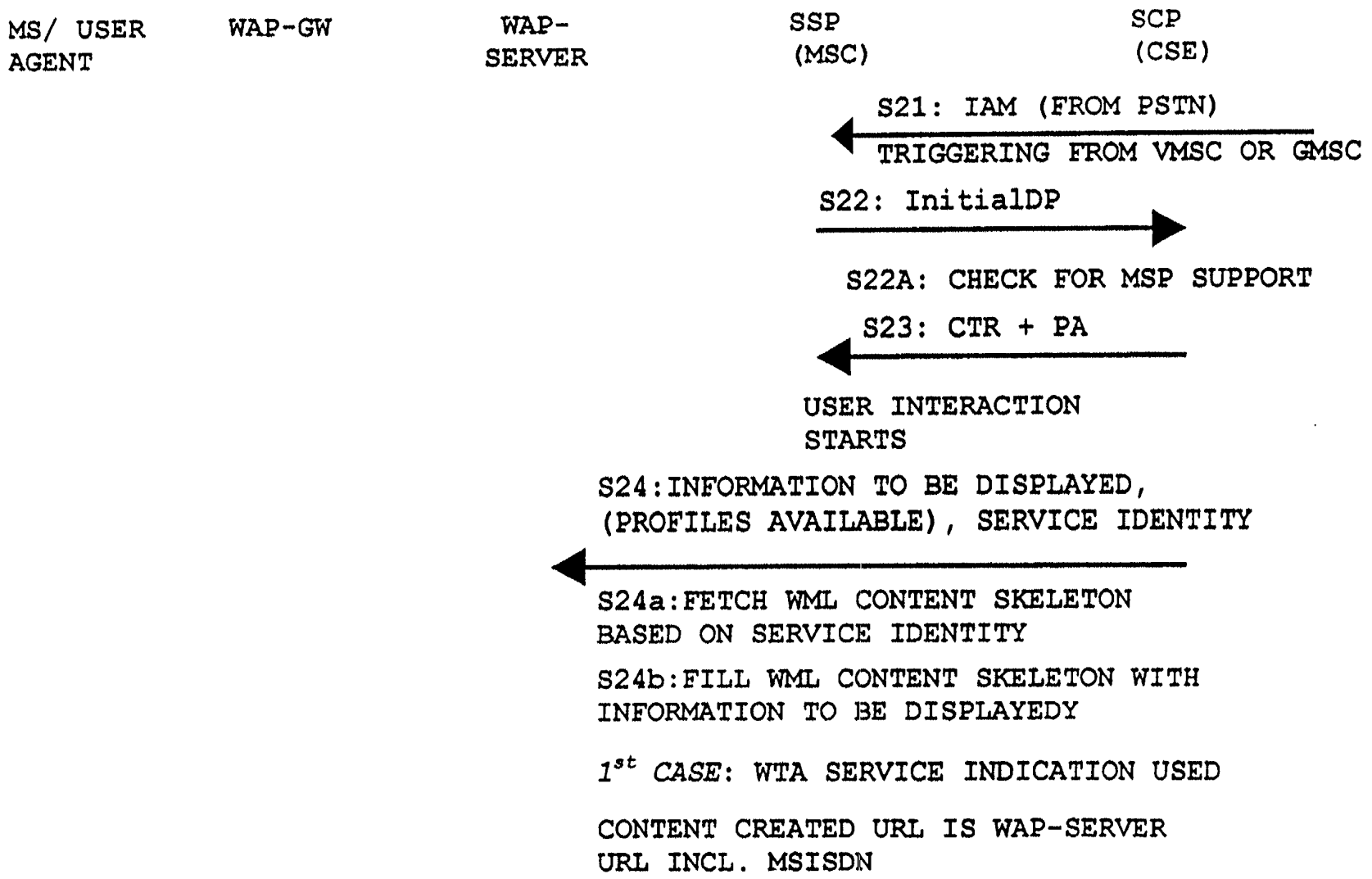
FIG. 12A



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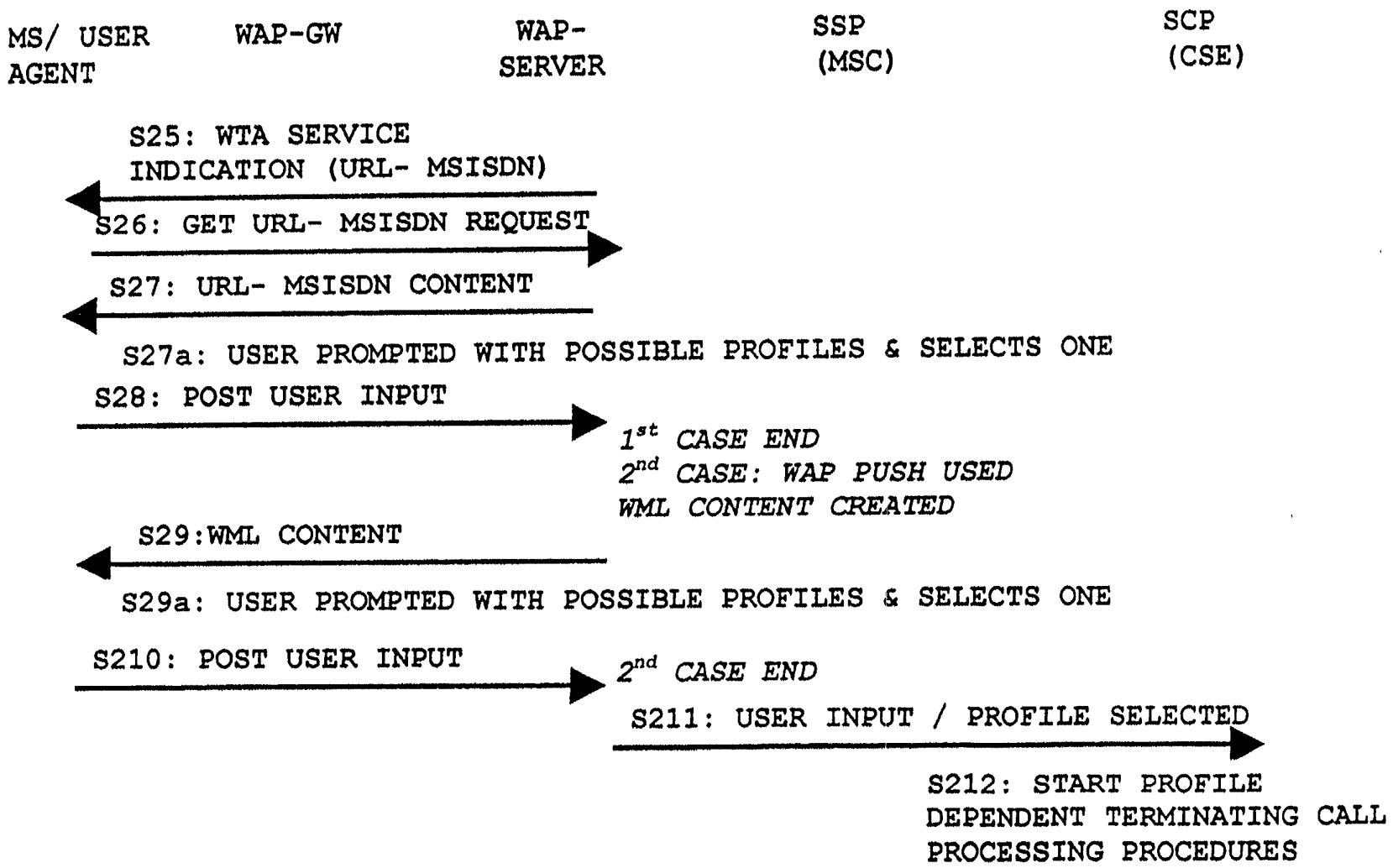
FIG. 12B